

FIG. 1
(Related Art)

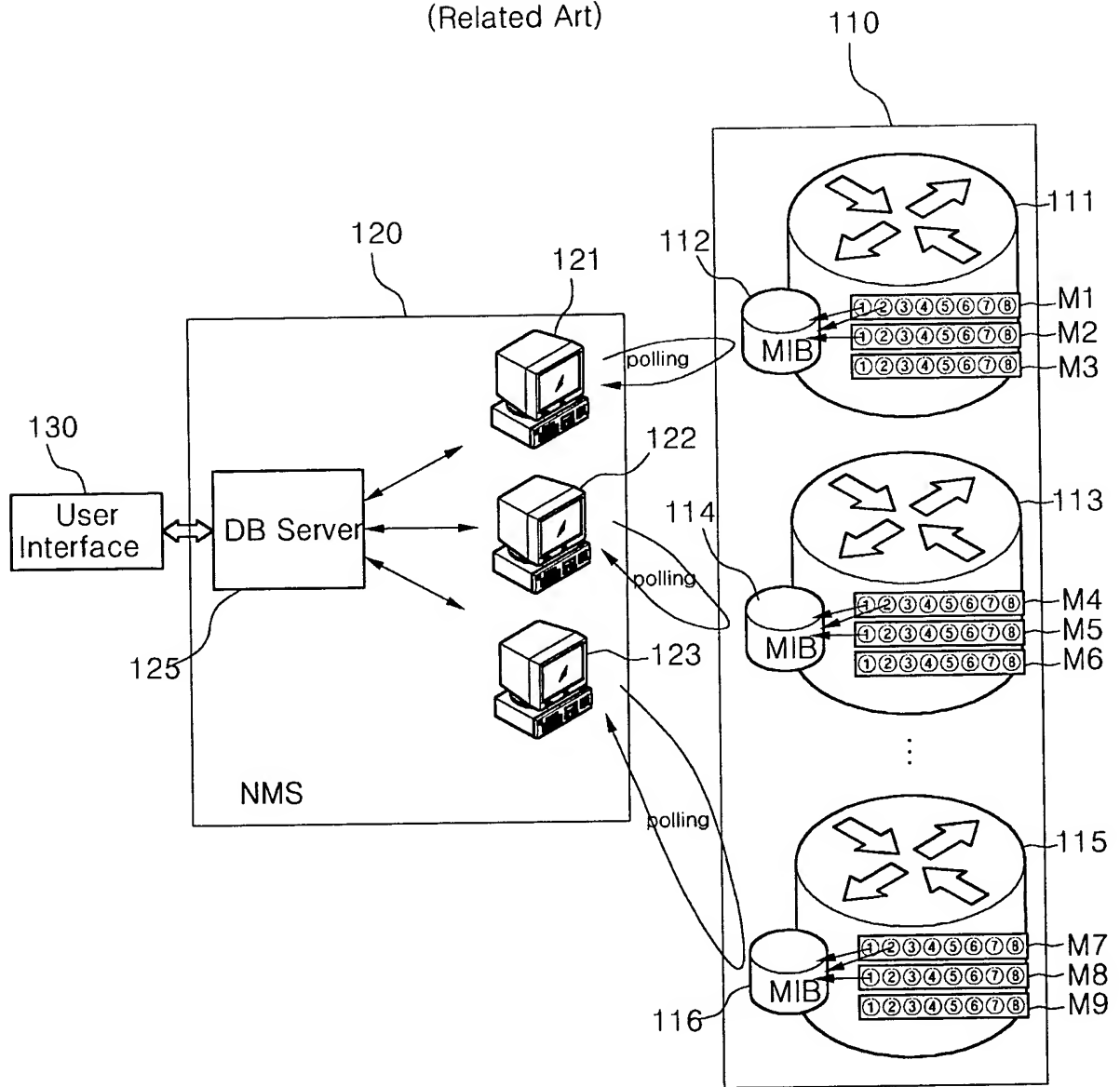


FIG. 2
(Related Art)

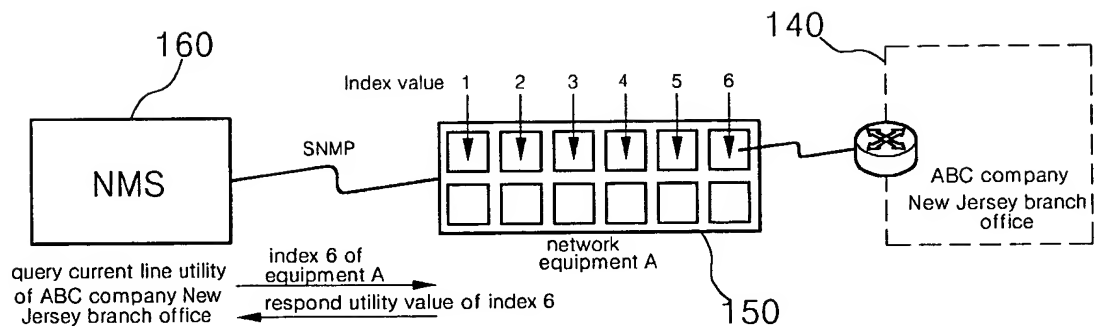


FIG. 3

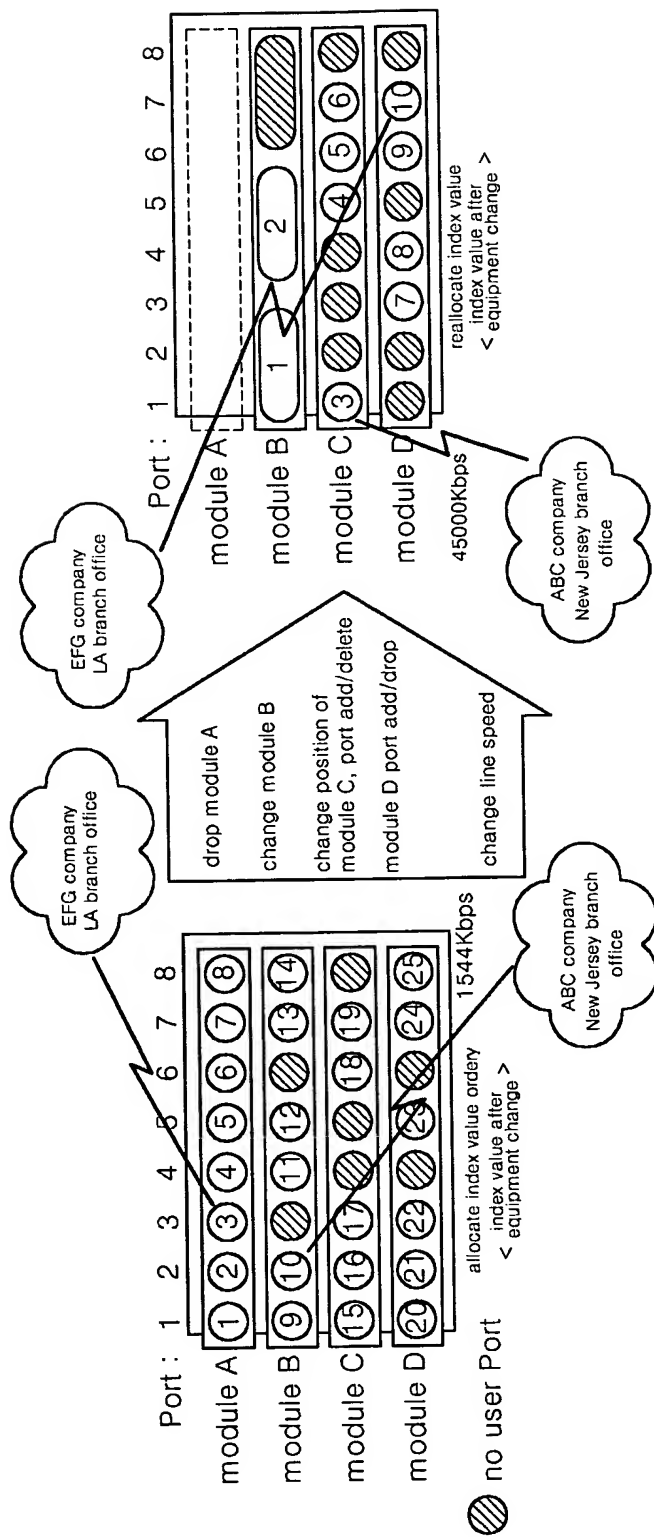


FIG. 4
(Related Art)

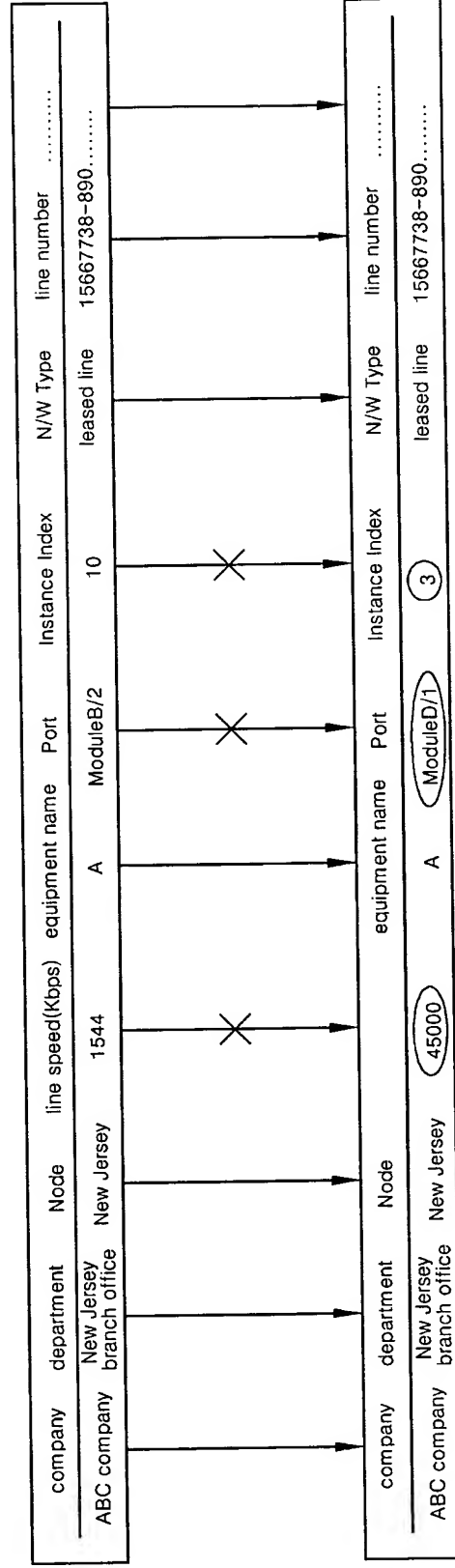


FIG. 5
(Related Art)

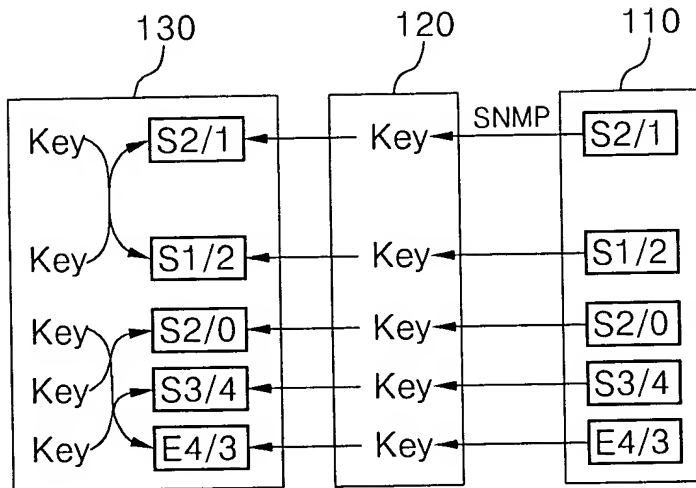


FIG. 6

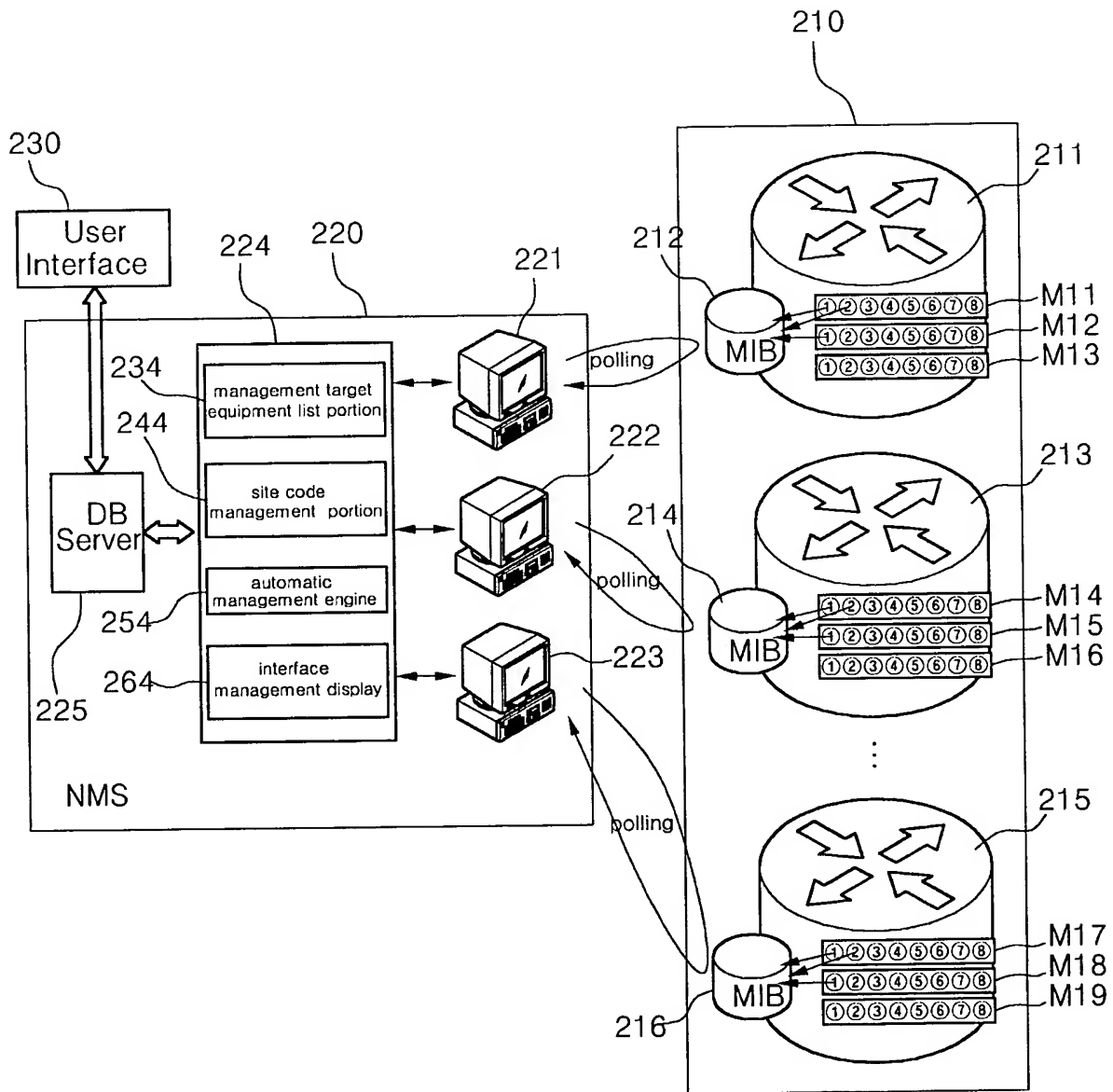


FIG. 7

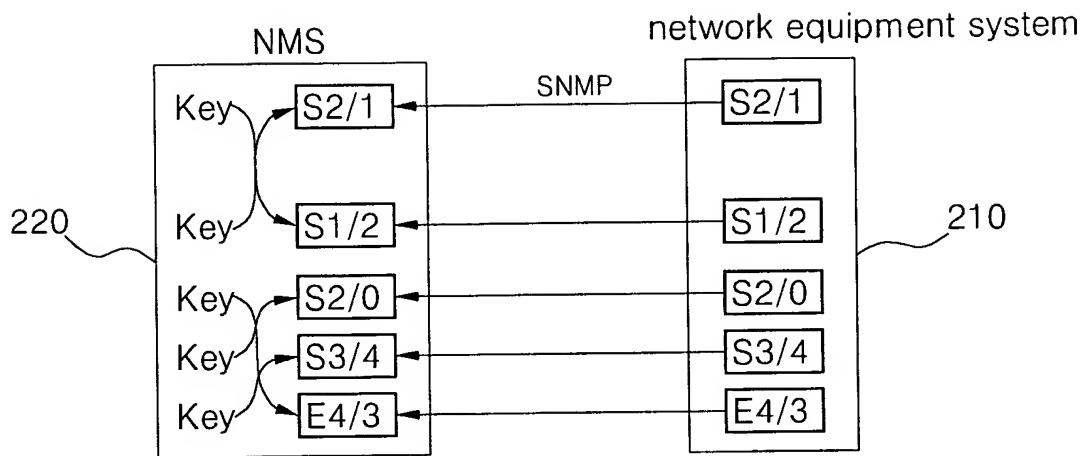


FIG. 8

```

interface Serial14/1
description LGM::SP::Kumchon#1
bandwidth 128
ip address 165.243.222.21 255.255.255.
!
interface Serial14/2
description LGM::SP::WUMAN#1
bandwidth 128
ip address 165.243.222.17 255.255.255.
!
interface Serial14/3
description LGMC::HQ::Seouloffice
bandwidth 768ip
ip vrf forwarding LGMC
ip address 10.0.88.9 255.255.255.252
ip verify unicast reverse-path
  
```

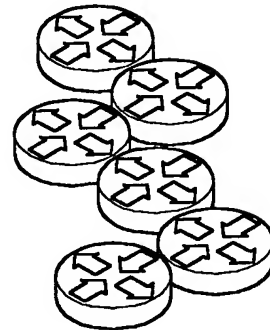


FIG. 9

port information of management target
[CNCJ4700A(202.21.0.41)/(Chung-Ju)(Cisoo4700)]

IF-IDX

number Port	port IP	MASK	Code	Ad/Op	BW
1 ATM0	-	255.255.255.255	1 LGNET::ATM::ATM TRUNK CNCJ4700A ATM0.0	④/④	T3
2 FastEthernet0	165.244.16.65	-	2 LGNET::LAN::Core LAN CNCJ4700A FEO	④/④	100M
3 Serial0	165.244.16.202	-	3 LGNET::TRK::CJ-DJ#1	④/④	2M
4 Serial1	165.244.16.206	-	4 LGNET::TRK::CJ-DJ#2	④/④	2M
5 Serial2	165.244.16.245	-	5 LGNET::TRK::CJ-DJ#3	④/④	2M

port information of management target
[CNCJ4700A(202.21.0.41)/(Chung-Ju)(Cisoo4700)]

IF-IDX

number Port	port IP	MASK	Code	Ad/Op	BW
1 ATM0	-	255.255.255.255	1 LGNET::ATM::ATM TRUNK CNCJ4700B ATM0.0	④/④	T3
2 FastEthernet0	165.244.16.66	-	2 LGNET::LAN::Core LAN CNCJ4700B FEO	④/④	100M
3 Serial0	165.244.16.225	-	3 LGNET::TRK::CJ-CA#1	④/④	2M
4 Serial1	165.244.16.229	-	4 LGNET::TRK::CJ-CA#2	④/④	2M
5 Serial2	165.244.16.241	-	5 LGNET::TRK::CJ-CA#3	④/④	2M
6 Serial3	-	-	6 -	④/④	T1

FIG. 10

input site code (October 9, 2002–October 9, 2002) [total 32 cases]							
number	HostName	IP	Port	Site Code	Ad/Op	description	time
16	GNBJ7513A	156.147.205.182	Serial5/6.1	BJ_Tower_construction	⊗/⊗	Invalid code	10-09 01:10
17	GNBJ7513A	156.147.205.182	Voice Over IP Peer:100	-	⊗/⊗	Code necessary	10-09 01:10
18	GNBJ7513A	156.147.205.182	Voice Encapsulation(POTS) Peer:200	-	⊗/⊗	Code necessary	10-09 01:10
19	GNIC7507A	202.21.0.15	Serial5/2	LGNET::GR::TW-INFORNET TRUNK(back-up)	⊗/⊗	Code unnecessary	10-09 01:10
20	GNIC7507A	202.21.0.15	Serial5/1.2	-	⊗/⊗	Code necessary	10-09 01:10
21	IRNIC 7606B	165.243.5.11	GigabitEthernet5/6	LGNET::LAN::Test(165.243.4.x)-2	⊗/⊗	Code unnecessary	10-09 01:10
22	LGE_Jakarta_HUB [E1/1024K]	150.150.239.146	Serial0	-	⊗/⊗	Code necessary	10-09 01:10
23	LGEFR7000A	192.168.176.245	Serial1/5.3	-	⊗/⊗	Code necessary	10-09 01:10
24	LGEFR7000B	192.168.176.246	Serial1/6	LGE::HP::KT FR Trunk #5	⊗/⊗	Code unnecessary	10-09 01:10
25	LGEFR7000B	192.168.176.246	Serial1/7	LGE::HP::KT FR Trunk #6	⊗/⊗	Code unnecessary	10-09 01:10
26	HHOS7507A	165.244.16.20			⊗/⊗	equipment Error	10-09 01:10
27	RJJ7507A	202.21.0.77	Serial4/3	LLI::BO::Samchunpo	⊗/⊗	withholding addition	10-09 01:10
28	RKGR7507A	156.147.16.108	Serial5/1	---	⊗/⊗	Invalid code	10-09 01:10
29	RKGR7507A	156.147.16.108	Serial5/2	LGCH::Kangroong	⊗/⊗	Code unnecessary	10-09 01:10

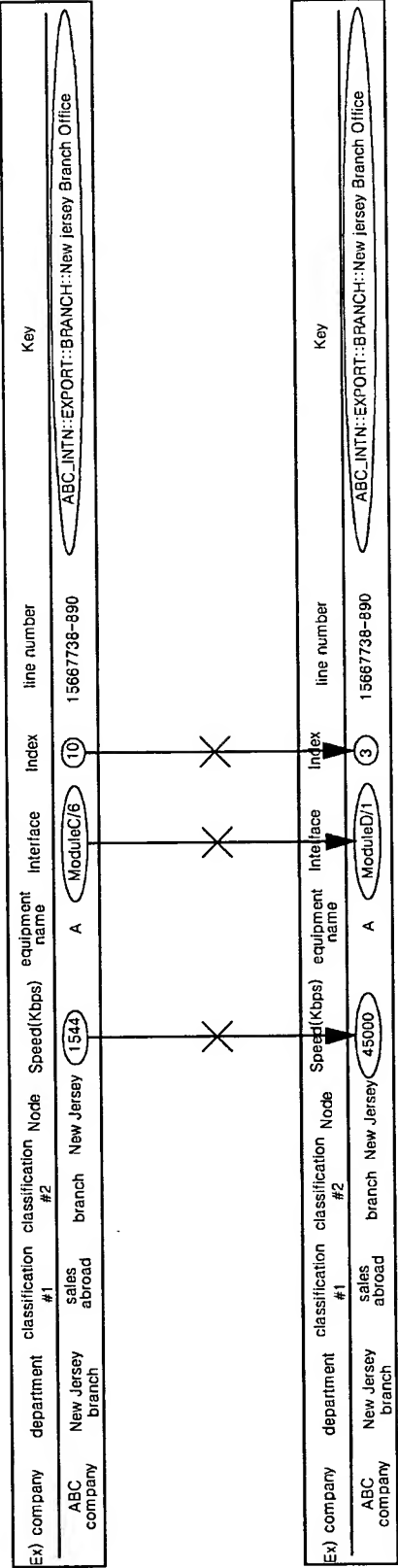
FIG. 11

interface change of performance management target(October 7, 2002)													
number	customer	Site	Code	classifi- cation	BW	Node	Src equipment	port	IF-IDX	line number	time	proposal change	operation result
1		Innotek Node Si	GSP::GR::Innotek Nod	GR	10M	Jaka- rta	LGE_Jakart	Ethernet0	1		01:10	add	check completion
2	LGCNS (LGCNS)	Hoehyun- dong#1(Hoehyun- dong#1)	LGCNS::HQ::Hoehyun-d (LGCNS::HQ::Hoehyun-d)	HQ (HQ)	T3 (T3)	Twin (Twin)	DNIC7507C (DNIC7507C)	Hssi4/1/1 (Hssi4/1/1)	4 (6)	()	01:10	change	index
3	LGCNS (LGCNS)	Hoehyun- dong#2(Hoehyun- dong#2)	LGCNS::HQ::Hoehyun-d (LGCNS::HQ::Hoehyun-d)	HQ (HQ)	T3 (T3)	Twin (Twin)	DNIC7507C (DNIC7507C)	Hssi5/0/0 (Hssi5/0/0)	5 (7)	()	01:10	change	index
4	LG electronics	LG electronics BaekSeok branch shop/Isan C	LGE::HP::BaekSeok	HP	512K	Twin	LGEFR7000A	Serial1/5.	69		01:10	add	add completion
5	LG electronics (electronics)	LG electronics BaekSeok branch shop/Isan C	LGE::HP::BaekSeok (LGE::HP::BaekSeok)	HP (HP)	512K (512K)	Twin (Twin)	LGEFR7000B (LGEFR7000B)	Serial1/6. (Serial1/6.)	121 (120)	()	01:10	change	index
6	LG electronics (electronics)	LG electronics BoRyeong branch shop LG electronics (BoRyeong branch shop)	LGE::HP::BoRyeong (LGE::HP::BoRyeong)	HP (HP)	256K (256K)	Twin (Twin)	LGEFR7000B (LGEFR7000B)	Serial1/5. (Serial1/5.)	100 (99)	()	01:10	change	index
7	LG electronics	LG electronics Bundang branch shop/Seohyun C	LGE::HP::BunDang	HP	256K	Twin	LGEFR7000A	Serial1/5.	43		01:10	add	add completion

FIG. 12

INDEX	before change of equipment module/port, site speed			after change of equipment module/port, site speed		
	Module Port speed(Kbps) Code			Module Port speed(Kbps) Code		
1	A	1	56	ABC_INTN::DOM::BR::YANGSAN	B'	1 1000000 HQ::BB::BACKBONE Gigabit Ethernet #3
2	A	2	2048	SWISSARMY::DOM::KNIFE::Victorynox HQ	B'	2 1000000 HQ::BB::
3	A	3	256	EFG_INTN::EXPORT::BRANCH::LA Branch Office	D	1 45000 <ABC_INTN::EXPORT::BRANCH::New Jersey Branch Office
4	A	4	758	Johnsons::INTR::MC::New york	D	5 2048 SWISSARMY::DOM::KNIFE::Victorynox HQ
5	A	5	1544	Johnsons::ABROAD::MC::Paris discount store	D	6 1544 GMC::ABROAD::MC::New Zealand Motor Show
6	A	6	2048	GMC::ABROAD::MC::New Zealand Motor Show	D	7 768 Johnsons::INTR::MC::New york
:						
9	C	3	512	WISDOM::DOM::KM::Knowledge Mgmt. Cntr.	C	7 512 Johnsons::ABROAD::MC::Paris discount store
10	C	6	1544	<ABC_INTN::EXPORT::BRANCH::New Jersey Branch Office>	C	8 1544 EFG_INTN::EXPORT::BRANCH::LA Branch Office

FIG. 13



Next Generation of Network Management-Netmax-Microsoft Internet Explorer											
file(F) edit(E) view(V) bookmark(A) tool(T) help(H)											
back forward home stop search [icon] bookmark view [icon]											
url(D) http://newnms.lg.co.kr/1004/nms_main.asp											
fault management		performance management		configuration management		report		setting		help	
MAF configuration / fault managed target		LAN/WAN performance configuration		equipment performance configuration		response time configuration		property management		ooo 2nd Nav.	
LAN/WAN performance configuration		automatic port management		code management		code history		management list		ooo 3rd Nav.	

ledger router list October 9 2002 total 82 cases

number	HostName	IP	node	Community	Role	type	delete	detail
1	CNCJ4700A	202.21.0.41	Chungju	antiquities	CORE	Cisco4700	<input type="checkbox"/>	[icon]
2	CNCJ4700B	202.21.0.42	Chungju	antiquities	CORE	Cisco4700	<input type="checkbox"/>	[icon]
3	CNIC7505A	202.21.0.5	Twin	antiquities	CORE	Cisco7505	<input type="checkbox"/>	[icon]
4	CNIC7505B	202.21.0.6	Twin	antiquities	CORE	Cisco7505	<input type="checkbox"/>	[icon]
5	CNIC7507C	202.21.0.7	Twin	antiquities	CORE	Cisco7507	<input type="checkbox"/>	[icon]
6	CNKJ4700A	202.21.0.61	Gwangju	antiquities	CORE	Cisco4700	<input type="checkbox"/>	[icon]
7	CNKJ4700B	202.21.0.62	Gwangju	antiquities	CORE	Cisco4700	<input type="checkbox"/>	[icon]
8	CNKM4700A	202.21.0.51	Gumi	antiquities	CORE	Cisco4700	<input type="checkbox"/>	[icon]

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Next Generation of Network Management-NetmaX-Microsoft Internet Explorer											
file(F) edit(E) view(V) bookmark(A) tool(T) help(H)											
backward ↩ forward ⏭ search 🔍 bookmark 📖 view [v]											
url(D) http://newnms.lg.co.kr/1004/nms_main.asp											
fault management		performance management		configuration management		report		setting		help	
MAF configuration fault managed target LAN/WAN performance configuration automatic code management		LAN/WAN performance configuration response time configuration		equipment performance configuration		configuration management		property management		2nd Nav.	
LAN/WAN performance configuration		code management		code history		management list				3rd Nav.	

site code management October 10 2002 total 505 cases						
number	customer	classification	Site	Code	name	line number
61	LGE	CS	SooWon	LGE::CS::SooWon	LG electronics Soowon C	400415
62	LGE	CS	TaeBack	LGE::CS::TaeBack	LG electronics TaeBack C	4003840
63	LGE	CS	Technomart	LGE::CS::Technomart	LG electronics Technomart	06055296-1778
64	LGE	CS	UISan	LGE::CS::UISan	LG electronics UISan C	4004170
65	LGE	CS	WonJoo	LGE::CS::WonJoo	LG electronics WonJoo C	4004508
66	LGE	CS	YangCheon	LGE::CS::YangCheon	LG electronics YangCheon C	06026000-0211
67	LGE	CS	YeounSan	LGE::CS::YeounSan	LG electronics YeounSan C	4004109
68	LGE	CS	YoungSan C	LGE::CS::YoungSan C	LG electronics YoungSan C	06026000-0272
69	LGE	CS	YoungSan PC	LGE::CS::YoungSan PC	LG electronics YoungSan PC	06026000-0401

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 [correct](#)

FIG. 16

Auto Daily Update v1.0

File

Option

Help

Daily Scan All Update

One Daily Scan Update

ledger equipment list

GNLD26218 [204.79.150.73]-London

GNLD4700A [165.244.214.234]-London

GNNJ7206A [136.166.3.1]-New Jersey

INIC7507A [165.243.5.1]-twin

IRNIC7606A [165.243.5.10]-twin

IRNIC7606B [165.243.5.11]-twin

LGE_Jakarta_HUB[E1/1024K][150.150.2

LGECM 2 [207.117.211.254]-Philippine

LGFR4700A [192.168.176.247]-twin

GNLD4700A [165.244.214.234]-London

GNNJ7206A [136.166.3.1]-New Jersey

INIC7507A [165.243.5.1]-twin

IRNIC7606A [165.243.5.10]-twin

IRNIC7606B [165.243.5.11]-twin

LGE_Jakarta_HUB[E1/1024K][150.150.2

LGECM 2 [207.117.211.254]-Philippine

LGFR4700A [192.168.176.247]-twin

GNNJ7206A [136.166.3.1]-New Jersey

INIC7507A [165.243.5.1]-twin

IRNIC7606A [165.243.5.10]-twin

IRNIC7606B [165.243.5.11]-twin

LGE_Jakarta_HUB[E1/1024K][150.150.2

LGECM 2 [207.117.211.254]-Philippine

LGFR4700A [192.168.176.247]-twin

ledger code list

SiteCode

name

line number

LGE::CS::Technomart

LG electronics Technomart

06055296-1778

LGE::HP::BongCheon

LG electronics BongCheon branch

06026000-0368

LGE::CS::BonSa #2

LG electronics head office 2

06055296-0410

LGE::HP::BonSa #1

LG electronics head office 1

06055296-0409

Button 1

daily scan list

DateTime

Instance

SiteCode

IF_IP

Bandwidth

Admin

Oper

2002-10-10 am1:10:00

1

LGE::CS::Seongdong Jee

10.0.21.237

256000

up

up

2002-10-10 am1:10:00

3

LGE::CS::SeoDaeMoon

10.0.21.193

256000

up

up

2002-10-10 am1:10:00

4

LGE::CS::BonSa #1

10.0.21.197

2048000

up

up

2002-10-10 am1:10:00

6

LGE::CS::YangJae SPC

10.0.21.201

154000

up

up

check list

DateTime

Instance

SiteCode

IF_IP

Bandwidth

Admin

Oper

classification

2002-10-10 am1:10:00

1

LGE::CS::Seongdong Jee

10.0.21.237

256000

up

up

2002-10-10 am1:10:00

3

LGE::CS::SeoDaeMoon

10.0.21.193

256000

up

up

2002-10-10 am1:10:00

4

LGE::CS::BonSa #1

10.0.21.197

2048000

up

up

2002-10-10 am1:10:00

6

LGE::CS::YangJae SPC

10.0.21.201

154000

up

up

Daily Scan

Check Data

Log

FIG. 19

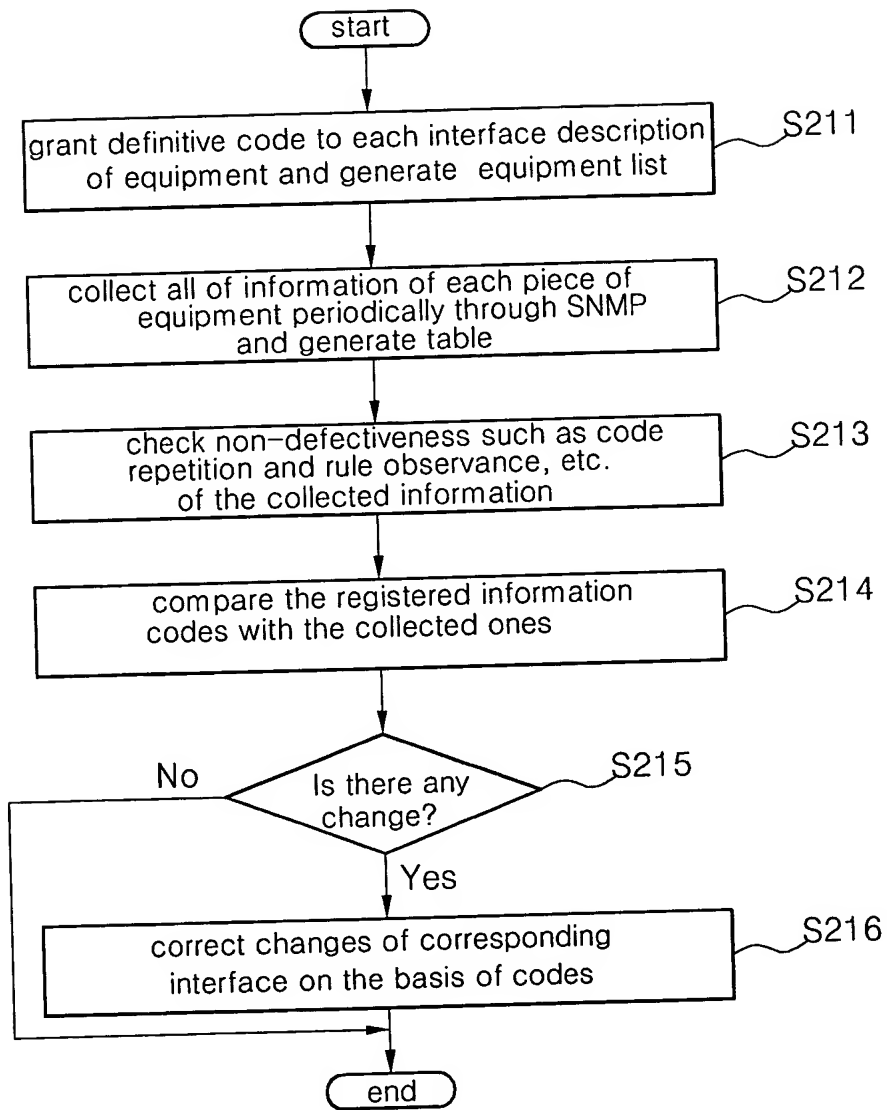


FIG. 20

